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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pak-Lung Seto et al.  
Title: DATA ENCODING AND DECODING IN A DATA STORAGE SYSTEM

Docket No.: 35479.P18989  
Filed: March 31, 2004  
Examiner: Unknown

Serial No.: 10/815,269  
Due Date: N/A  
Group Art Unit: 2183

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard and this transmittal document.
- ☒ An Information Disclosure Statement (2 pgs.), Form 1449 (1 pg), and copies of 7 cited documents.

Customer Number 45459:

By

Edmund P. Pfleger  
Reg. No. 41,252  
EPP/clh

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 7 day of ~~May~~ <sup>June</sup>, 2005.

Chris Hammond  
Name

Chris Hammond  
Signature

(GENERAL)



S/N: 10/815,269

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Serial No.:	10/815,269	Group Art Unit:	2183
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Title:	DATA ENCODING AND DECODING IN A DATA STORAGE SYSTEM		

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication. Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement.

Enclosed is a form PTO1449 citing to communication protocols and standards cited throughout the specification. These citations and accompanying documents provided herewith are the Tables of Contents only for each item. Please be advised that these communication protocols and standards are lengthy documents and the undersigned attorney has not read these documents nor made an assessment as to the materiality of any of the references cited herein.

If, after review of the information cited herein, the Examiner wishes to receive complete copies of the underlying communication protocols and standards, please advise these office in accordance with 37 CFR § 1.105.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

INFORMATION DISCLOSURE STATEMENT

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Serial No :10/815,269

Dkt: P18989

Filing Date: March 31, 2004

Title: DATA ENCODING AND DECODING IN A DATA STORAGE SYSTEM

Respectfully submitted,

PAK-LUNG SETO et al.

By his Representatives,


Customer Number: 45459

603-668-6560

Date

6/6/05

By



Edmund P. Pfleger

Reg. No. 41,252

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Chris Hammond  
Name

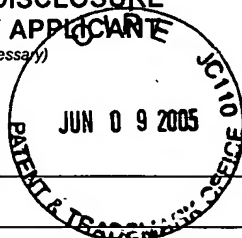
Chris Hammond  
Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/815,269
Filing Date	March 31, 2004
First Named Inventor	Seto, Pak-Lung
Group Art Unit	2183
Examiner Name	Unknown
Attorney Docket No:	35479.P18989

Sheet 1 of 1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
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**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"American National Standard for Information Technology- Fibre Channel- Physical and Signalling Interface-3 (FC-PH-3)", <u>Developed by incits, Where IT all Begins, Table of Contents, (1998), 6 pgs.</u>	
		"ATM User-Network Interface (UNI) Signaling Specification", <u>The ATM Forum Technical Committee, af-sig-0061.001, (April 2002), 6 pgs.</u>	
		"PCI Express Base Specification Revision 1.0", <u>PCI Express, Table of Contents, (07/22/2002), 15 pgs</u>	
		"PCI-X Addendum to the PCI Local Bus Specification", <u>Revision 1.0a, Table of Contents, (07/24/2000), 9 pgs.</u>	
		"Serial ATA: High Speed Serialized AT Attachment, Serial ATA Workgroup", <u>Revision 1.0, Table of Contents, APT Technologies, Inc., (8/29/2001), 10 pgs</u>	
		"Working Draft American National Standard, Project T10/1601-D", <u>Revision 1, Table of Contents, Information Technology- Serial Attached SCSI- 1.1 (SAS- 1.1), (09/18/2003), 24 pgs.</u>	
		SATRAN, JULIAN, "iSCSI", <u>IP Storage Working Group, Internet Draft, Table of Contents (01/19/2003), 9 pgs.</u>	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached